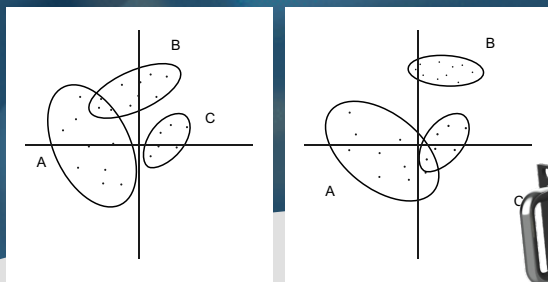




IMS108A

Single Channel Multi Frequency
Eddy Current Sorter



IMS108A is a single channel multi frequency, versatile eddy current comparator that can be used to segregate metallic components and raw materials. This system is particularly well-suited for rigorous quality assessments of essential automotive parts.

FEATURES

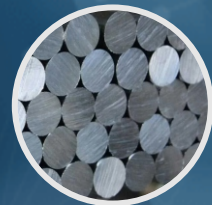
- ✓ Password protection.
- ✓ Advanced Data Logging
- ✓ Intuitive operation concept
- ✓ Testing up to 8 frequencies.
- ✓ Built in OK & NG Parts Counter.
- ✓ Automation support through PLC.
- ✓ Sorts components into two categories, OK & NG.
- ✓ Windows software for advanced operations
- ✓ Multiple Independent Elliptical thresholds for each frequency.
- ✓ Housed in a 19" rack mounted enclosure for industrial integration

SPECIFICATIONS

Sr.No	Type	Value
1.	Frequency	8-variable frequencies
2.	Frequency Range	100Hz to 100KHz
3.	Gain	0 db to 55db
4.	Phase	0 to 359 deg
5.	Digital I/O	4 X Isolated Digital Outputs 4 X isolated Digital Inputs
6.	Data Security	User level password protection
7.	Automation Support	PLC Interface via Digital I/O
8.	Communication Interface	RS232
9.	Operating System	Windows IoT Enterprise
10.	Enclosure	19" Rack mounted aluminium enclosure
11.	Operating Voltage	100V – 240 V AC, 47-63 Hz
12.	Power Consumption	50W
13.	Dimensions	483mmX264mmX88mm
14.	Threshold	Multiple Elliptical

APPLICATIONS

- ✓ Sorting raw materials by grade.



Grade



Forging

- ✓ Sorting forgings according to raw material type or heat treatment conditions.

- ✓ Sorting parts based on surface hardness.



Hardness

Impac Labs GmbH

Location: Karpfenweg 1, 76189, Karlsruhe | Germany

Phone: +49 173 4383864

Website: www.impact-labs.de **Email:** info@impact-labs.de